

### AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. *(Currently Amended)* A seal ring comprising a tube-shaped, elastic part having a ~~leading-in an insertion~~ opening at its ~~low~~ a lower end for receiving an ink supply needle, wherein the top of the ~~leading-in insertion~~ opening is ~~provided with~~ includes a top sealing film ~~and the top sealing film has~~ having a crack connecting the ~~leading-in insertion~~ opening and ~~the~~ a space above the top sealing film.
2. *(Currently Amended)* The seal ring of claim 1, wherein the ~~leading-in insertion~~ opening has a narrower ~~opening~~ portion having a diameter smaller than that of the ink supply needle.
3. *(Currently Amended)* The seal ring of claim 2, wherein the narrower ~~opening~~ portion is formed by rings which are axially raised at from the ~~low~~ lower end of the tube-shaped, elastic part.
4. *(Currently Amended)* The seal ring of ~~claims~~ claim 1, ~~2, or 3~~, wherein the top of the tube-shaped, elastic part is provided with a symmetric support, one end of the support is being located ~~in the~~ on an internal wall of the tube-shaped, elastic part, and ~~the other~~ another end of the support is being located around the top sealing film.
5. *(Currently Amended)* The sealing of claim 4, wherein ~~the~~ a surface on which the crack ~~locates~~ is located overlaps with ~~the symmetric~~ a surface of the symmetric support.
6. *(Currently Amended)* An ink cartridge ~~comprises~~ comprising an ink outlet which supplies ink from an internal ink chamber, wherein the ink outlet is provided with a seal ring, the seal ring comprises a tube-shaped, elastic part, ~~the~~ an external wall of the elastic part tightly ~~connects~~ connecting with the an internal wall of the ink outlet, and ~~the low~~ a lower end of the elastic part is ~~provided with~~ including a ~~leading-in an insertion~~ opening for receiving an ink supply needle;

wherein the top of the ~~leading-in~~ insertion opening ~~is provided with~~ includes a top sealing film, ~~and the top sealing film has~~ having a crack connecting the ~~leading-in~~ insertion opening and ~~the a~~ space above the top sealing film.

7. *(Currently Amended)* The ink cartridge of claim 6, wherein the ~~leading-in~~ insertion opening has a narrower ~~opening~~ portion having a diameter smaller than that of the ink supply needle.

8. *(Currently Amended)* The ink cartridge of claim 7, wherein the narrower ~~opening~~ portion is formed by rings which are axially raised ~~at the low~~ from the lower end of the tube-shaped, elastic part.

9. *(Currently Amended)* The ink cartridge of ~~claims~~ claim 6, ~~7, or 8,~~ wherein the top of the tube-shaped, elastic part ~~is provided with~~ includes a symmetric support, one end of the support ~~is being located in the~~ on an internal wall of the tube-shaped, elastic part, and ~~the other~~ another end of the support is being located around the top sealing film.

10. *(Currently Amended)* The ink cartridge of claim 9, wherein ~~the a~~ surface on which the crack ~~locates~~ is located overlaps with ~~the symmetric~~ a surface of the symmetric support.